

20051031.ba v03_n855.bam.20051031

>From ???@??? Mon Oct 31 17:01:44 2005 -0600
Date: Mon, 31 Oct 2005 23:01:07 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3855
Message-Id: <20051031230108.58E064086A@srvr1.theporch.com>

BOATANCHORS Digest 3855

Topics covered in this issue include:

- 1) Is there a Heath HR10B receiver expert in the house?
by john <johnmb@nc.rr.com>
- 2) Question about definitions of radio frequencies
by Henry van Cleef <vancleef@eskimo.com>
- 3) Re: Zip cord
by "Tom Rauch" <w8ji@contesting.com>
- 4) Re: Question about definitions of radio frequencies
by "Tom Rauch" <w8ji@contesting.com>
- 5) Uploaded Vintage Databooks
by john <johnmb@nc.rr.com>
- 6) Re: Question about definitions of radio frequencies
by stuck in 50s <polepeeg@ba-watch.org>
- 7) Vintage Data Sheets uploaded
by john <johnmb@nc.rr.com>
- 8) Re: Question about definitions of radio frequencies
by David Stinson <arc5@ix.netcom.com>
- 9) Re: Zip cord
by Bob Roehrig <broehrig@aurora.edu>
- 10) Re: Question about definitions of radio frequencies
by Jack Harper <jharper@bsi2000.com>
- 11) Re: Zip cord
by "Sandy, W5TVW" <ebjr@i-55.com>
- 12) Re: Zip cord
by stuck in 50s <polepeeg@ba-watch.org>
- 13) Re: Zip cord
by "Tom Rauch" <w8ji@contesting.com>
- 14) For God's Sake- Stop and Think
by David Stinson <arc5@ix.netcom.com>
- 15) Re: For God's Sake- Stop and Think
by chuck grandgent <chuck@chuckg.com>
- 16) Re: For God's Sake- Stop and Think
by Richard Loken <richardlo@admin.athabascau.ca>
- 17) Re: For God's Sake- Stop and Think
by Tom Norris <r390a@bellsouth.net>
- 18) Re: WTB/WTT: ARRL handbooks

by W0E0M@aol.com
19) Re: WTB/WTT: ARRL handbooks
by chuck grandgent <chuck@chuckg.com>
20) Radio freq
by "signetics" <signetics@netzzero.net>
21) Fw: For God's Sake- Stop and Think
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>

Message-Id: <6.2.1.2.2.20051030161706.02183a40@pop-server.nc.rr.com>
Date: Sun, 30 Oct 2005 16:17:53 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Is there a Heath HR10B receiver expert in the house?
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Were all the Heath HR10 receiver kits sold with the RF section pre-wired?

I'm working on one that has the 40m oscillator so far off there has to be a bad coil or cap (which of course I can't get to without removing the switch assy).

Just wondering...seems more like it's gonna end up to be a wrong component, which seems odd if the thing is pre-built.

Thanks!
John K5MO

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.362 / Virus Database: 267.12.6/151 - Release Date: 10/28/2005

From: Henry van Cleef <vancleef@eskimo.com>
Message-Id: <200510302302.PAA06608@eskimo.com>
Subject: Question about definitions of radio frequencies
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 30 Oct 2005 16:02:22 -0700 (MST)
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm sitting here reviewing some possible test questions to be posed to

high school students, and have one that seems a bit ambiguous to me. While there aren't any vacuum tubes (or other hardware) involved, it's about things near and dear to hams and other folks who are involved with radio frequencies. So I thought I'd toss it out to the list exactly in the draft form it was given me for review.

The whole question is multipart. It reads:

"Identify each of the following concerning astronomy:

....

2) Radio wave of very high frequency and short wavelength."

What would your first answer to that be?

It needs to be understood that this test allows for only one right answer, and if it is not given, then the response would be treated as "incorrect." The test itself is part of a series to be given verbally by people who are not knowledgeable in the field, so there is no room for interpretation. You can assume that the person reading the questions and scoring the responses thinks that "radio" is a box that plugs into the wall, a "transistor" is a 9-volt battery radio receiver, a "boatanchor" is a cast-iron device for mooring boats, and a "vacuum tube" is a piece of tubing filled with vacuum.

Now, for the currently-defined correct answer: microwave. Score zero if you answered vhf or uhf, either as an acronym or spelled out in words.

Is the fact that the question specifically asks about "astronomy" rather than RF communications significant?

How would you phrase this question to get "microwave" as the one correct response?

I'm not being facetious with this. I need to feed back an appropriate phraseology to the preparer.

Hank

--

Hank van Cleef (vancleef@eskimo.com, hvanclee@nyx.net)
1986 420SEL "A stranger in paradise" (Fremont Co. Wyoming)
1986 GMC 1500 6.2 diesel pickup "Seen one, seen them all"

Message-ID: <001301c5de15\$1142d800\$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Zip cord

Date: Mon, 31 Oct 2005 07:17:29 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Reason for zip cord is no center support to dipole & zip
cord real
> low weight.
>
> Opinions?

Impedance is always workable. Unfortunately every sample
I've ever measured has been terrible for loss. I don't think
I found any less than .5dB/10 ft loss new and dry at 10MHz.
Some as bad as 1dB /10ft at 10MHz. That's when I factor out
mismatch loss and only consider the real power dissipation
in cable.

Send me 5 or 10 feet and I'll sweep it for you.

73 Tom

Message-ID: <002301c5de16\$c6a55d20\$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Question about definitions of radio frequencies
Date: Mon, 31 Oct 2005 07:29:42 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Now, for the currently-defined correct answer: microwave.
Score zero
> if you answerd vhf or uhf, either as an acronym or spelled
out in
> words.
>
> Is the fact that the question specifically asks about
"astronomy"
> rather than RF communications significant?

Yes. It shows the mindset of the person writing the test.

> How would you phrase this question to get "microwave" as
the one

> correct response?

I think the question isn't good because light is an electromagnetic wave, and radio astronomy has used everything radio from HF upwards to light over time. I'd probably include the word radio astronomy in the question. Like "name or classification of highest frequency or shortest wavelengths normally used in radio astronomy".

73 Tom

Message-Id: <6.2.1.2.2.20051030135219.021ab4b8@pop-server.nc.rr.com>
Date: Sun, 30 Oct 2005 13:54:47 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Uploaded Vintage Databooks
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Pardon me if this is a duplicate post, but I've just uploaded some full vintage data books.

<http://www.k5mo.com/>

or

<http://www.old-radios.com>

and select the "reference material" button.

So far, I've scanned the 49 Thordarson, 59 Centralab Couplate and 39 Stancor databooks. Next onto the scanner is the Stancor Hammanual.

Enjoy!
John K5MO

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.362 / Virus Database: 267.12.6/151 - Release Date: 10/28/2005

Date: Mon, 31 Oct 2005 07:12:29 -0500 (EST)
From: stuck in 50s <polepeeg@ba-watch.org>
Message-Id: <200510311212.j9VCCTvn008014@fracas.netboobie.org>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Question about definitions of radio frequencies

> I'm not being facetious with this. I need to feed back an appropriate phraseology to the preparer.

Hank why not say VHF is...

the original 'airwave' television frequencies, channel 2-13 or
56mhz to 216mhz

Might appeal to the strictest layman's view.

Message-Id: <6.2.1.2.2.20051030094213.0220a118@pop-server.nc.rr.com>
Date: Sun, 30 Oct 2005 09:42:29 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Vintage Data Sheets uploaded
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

I've started my scanning projects and have uploaded the first couple
(Thordarson, Centralab Couplates).

If you're interested, please access them at:

<http://www.old-radios.com/> or <http://www.k5mo.com/>

and choose the "reference material" button.

Apoligies for some of the other buttons that don't work (yet)...stay tuned!

John K5MO

--

No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.362 / Virus Database: 267.12.6/151 - Release Date: 10/28/2005

Date: Mon, 31 Oct 2005 07:22:46 -0600
From: David Stinson <arc5@ix.netcom.com>
Subject: Re: Question about definitions of radio frequencies
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>

Message-id: <43661AA6.6030108@ix.netcom.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7bit

Henry van Cleef wrote:

> It reads:
>
> "Identify each of the following concerning astronomy:
>
> 2) Radio wave of very high frequency and short wavelength."
>
> What would your first answer to that be?

My first answer would be "microwave," but that comes from an RF man's standpoint. The question is, in my humble opinion, ambiguous and should not be used in its current form. Since the point is to learn, you could clue them in: "... short wavelength, used in radio astronomy and in cooking" or something like that. I can't think of any other way a layman could define the specifics of microwaves vs. SHF, UHF etc., unless learning the specific designations of differing bands of frequencies is part of the course requirements.
73 Dave S.

Date: Mon, 31 Oct 2005 08:14:21 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Zip cord
Message-ID: <Pine.LNX.4.61.0510310812330.32569@hermes.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII; format=flowed

On Sun, 30 Oct 2005, stuck in 50s wrote:

> Thinking of using 40' clear plastic 18ga zip cord as tx-line to a 80m
> & 40m dipole. 1KW going up to dipole-pair. Balun @ bottom then coax to
> shaque.

I don't think I'd do that Marty. I also have heard that it's about 70 ohms but I'd be afraid the dielectric properties would not be good and you may smoke it, especially at 1KW. I'd rather find some cable TV coax if you're trying to save some \$\$.

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu
K9EUI W9ZGP WC2XSR/11 WD2XSH/19
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

Message-Id: <6.2.5.6.1.20051031071857.034be910@bsi2000.com>
Date: Mon, 31 Oct 2005 07:25:22 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Re: Question about definitions of radio frequencies
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:02 PM 10/30/2005, Hank van Cleef in the wilds of Wyoming wrote:

><snip>
>
>"Identify each of the following concerning astronomy:
>....
>2) Radio wave of very high frequency and short wavelength."
>
>What would your first answer to that be?

I agree with you that the question is ambiguous - "Cosmic Ray" is a good answer also.

To force "microwave" as a reasonable answer, I would suggest changing the question to:

2) Radio wave of very high frequency and short wavelength that is longer than that of infrared light.

This assumes, I suppose, that the intended victim knows that radio signals and light emissions are the same phenomena with just different frequencies.

Regards as always Hank --

Jack, W0YJ (Friend to all things Hammarlund)

Message-ID: <008501c5de2d\$17770da0\$daa0cdd1@s0023531634>

From: "Sandy, W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Zip cord

Date: Mon, 31 Oct 2005 09:09:28 -0600

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

No way any QRO with old "aip cord"!!!

The impedance varies with maker (depends on wire size, spacing, dielectric etc.)

The losses can be horrendous on some types.

Not recommended except as an emergency measure when nothing else is to be had! And this at low powers 25-50 watts or less!

Would not trust RG-58/U or RG-59/U at higher powers. You might do OK with RG-6/U CATV coax. It is 75 ohms and low loss.

It would probably hold up to QRO if VSWR is low. There should be a lot of that around, if one is looking for something economical or for nothing. If you find a cable TV man doing installations, more than likely he will have some "waste" or short pieces he will be happy to give you. (a 100 foot length is "short" to them in most instances!) A lot of what they use for CATV "drops" has a wire "messenger" for support for a long drop from a pole to the house. This is easily rtrimmed off with a sharp pocket knife or a box cutter blade.

73,

Sandy W5TVW

----- Original Message -----

From: "stuck in 50s" <polepeeg@ba-watch.org>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Sunday, October 30, 2005 2:17 PM

Subject: Zip cord

|

| Thinking of using 40' clear plastic 18ga zip cord as tx-line to a 80m
| & 40m dipole. 1KW going up to dipole-pair. Balun @ bottom then coax to
| shaque.

|

| Believe this R-S zip cord is about 70 ohms so dipole match better than

| coax but still swallowable. Haven't tried noise bridge so this gess.
|
| Reason for zip cord is no center support to dipole & zip cord real
| low weight.
|
| Opinions?
|
| Marty
|
|
|
| --
| No virus found in this incoming message.
| Checked by AVG Free Edition.
| Version: 7.1.362 / Virus Database: 267.12.6/151 - Release Date: 10/28/2005
|
|

Date: Mon, 31 Oct 2005 10:09:17 -0500 (EST)
From: stuck in 50s <polepeeg@ba-watch.org>
Message-Id: <200510311509.j9VF9HC7008714@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: Zip cord

> I'd rather find some cable TV coax if you're trying to save some \$\$.

save weight

Message-ID: <000b01c5de33\$2b54c000\$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Zip cord
Date: Mon, 31 Oct 2005 10:52:58 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> do OK with RG-6/U CATV coax. It is 75 ohms and low loss.
> It would probably hold up to QRO if VSWR is low.

That's what I sometimes use on dipoles and it handles 1500W
easy. Never had a failure.

It isn't too heavy. Lots of aluminum and dielectric gas

inside. Tough to solder, but it can be wire wrapped FB.

Date: Mon, 31 Oct 2005 10:42:02 -0600
From: David Stinson <arc5@ix.netcom.com>
Subject: For God's Sake- Stop and Think
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <4366495A.3030100@ix.netcom.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7bit

I work on solid state stuff all day long.
12-48 volts leads to complacency.
Lack of rest can also cost you.

NEVER work on boatanchor radios
when you're tired or distracted!
It's so easy to get in the habit of just
grabbing stuff when it's only got 12 volts on it.
Like checking to see if that resistor is getting hot.
500 volts HURTS. BAD.

Damn lucky to still be breathing.
I got away with a burn, bruises from
falling over and a knot on my head.
Pure, God-given dumb luck.

Don't be stupid like me.

Stop. Think. Go SLOW.
Stay Alive.

Dave S.

Date: Mon, 31 Oct 2005 12:17:15 -0500
From: chuck grandgent <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: For God's Sake- Stop and Think
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-Id: <20051031171714.INZ6445.ispmxmta09-srv.alltel.net@octave-mcmsbb3d>

Glad you're still around Dave !

You've seen the JPEG of THE HAND ?? List member who I guess stuck his hand back into the high voltage power supply stuff on a shelf to retrieve his cat, and was also lucky to be alive afterwards.

My own "stupid story" was back in the early 70's stupid me was repairing a guitar amplifier while standing on a basement cement floor barefoot.

I came to on the other side of the room with the smell of smoke in my nostrils, had a headache for a week.

73, Chuck, K10M

David Stinson <arc5@ix.netcom.com> wrote:

>
> I work on solid state stuff all day long.
> 12-48 volts leads to complacency.
> Lack of rest can also cost you.
>
> NEVER work on boatanchor radios
> when you're tired or distracted!
> It's so easy to get in the habit of just
> grabbing stuff when it's only got 12 volts on it.
> Like checking to see if that resistor is getting hot.
> 500 volts HURTS. BAD.
>
> Damn lucky to still be breathing.
> I got away with a burn, bruises from
> falling over and a knot on my head.
> Pure, God-given dumb luck.
>
> Don't be stupid like me.
>
> Stop. Think. Go SLOW.
> Stay Alive.
>
> Dave S.

Date: Mon, 31 Oct 2005 11:26:46 -0700 (MST)

From: Richard Loken <richardlo@admin.athabascau.ca>

Subject: Re: For God's Sake- Stop and Think

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Message-id: <Pine.PMDF.3.95.1051031110948.541345540B-100000@admin.athabascau.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

On Mon, 31 Oct 2005, chuck grandgent wrote:

```
> Glad you're still around Dave !
>
> You've seen the JPEG of THE HAND ?? List member who I guess stuck his
> hand back into the high voltage power supply stuff on a shelf to retrieve
> his cat, and was also lucky to be alive afterwards.
>
> My own "stupid story" was back in the early 70's stupid me was repairing a
> guitar amplifier while standing on a basement cement floor barefoot.
```

Gee, coincidences. I was quarreling with the world's crummiest tube guitar amp last night on a cement floor and the cat comes in, climbs on my lap, and wants to advance one more step onto the work bench. I pinned down the cat and took a quick inventory of line cords but he gratified me by changing his mind about climbing onto the bench.

I remain fairly vigilant to risks of this sport mostly because I refuse to work on anything with an intergrated circuit in it (happy selfish coincidence). I have frustrated myself professionally with lots of stuff containing proprietary LSI/firmware/surface mount whatever but I after I moved over to software I simply refused to work on anything that didn't have a tube in it.

A happy decade of broadcast maintenance taught me a few things about staying alive that seem to have stayed in my head better than the stupid world of squalid state.

What about the Digital Equipment Corporation's VAX 11/780 that had a warning label on the backplane reminding any trespassers to take off any metal jewellery so they don't find themselves welded to the 5V bus? That would have been pretty unpleasant.

--

```
Richard Loken VE6BSV, Systems Programmer - VMS : "Anybody can be a father
Athabasca University                          : but you have to earn
Athabasca, Alberta Canada                     : the title of 'daddy'"
** richardlo@admin.athabascau.ca **           : - Lynn Johnston
```

Mime-Version: 1.0 (Apple Message framework v734)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Message-Id: <CA5F7E75-23AC-49F9-8097-0A7F5823404F@bellsouth.net>
Content-Transfer-Encoding: 7bit
From: Tom Norris <r390a@bellsouth.net>
Subject: Re: For God's Sake- Stop and Think
Date: Mon, 31 Oct 2005 13:38:43 -0600
To: Old Tube Radios <boatanchors@theporch.com>

Always good advice and should be posted often.

At work here is the story of the tech who was dozing off as he let a power supply burn in in front of him. He woke up just before his chin would have hit an exposed row of pass transistors with 250 volts on the collectors. When he jerked up in a panic he hit a 400 HZ inverter the guy in the next bench had open and was troubleshooting and it fell into the guy's lap. Something in the open end that fell caught in the guys jeans and he couldn't knock the live inverter off his britches. He got up and danced around and cussed and yelled... The power was shut off just as he punched a hole in the plaster wall. I think all of this took a total of 30 seconds.

No one was hurt, both could have been killed.

Tom NU4G

On Oct 31, 2005, at 10:42 AM, David Stinson wrote:

- > I work on solid state stuff all day long.
- > 12-48 volts leads to complacency.
- > Lack of rest can also cost you.
- >
- > NEVER work on boatanchor radios
- > when you're tired or distracted!
- > It's so easy to get in the habit of just
- > grabbing stuff when it's only got 12 volts on it.
- > Like checking to see if that resistor is getting hot.
- > 500 volts HURTS. BAD.
- >
- > Damn lucky to still be breathing.
- > I got away with a burn, bruises from
- > falling over and a knot on my head.
- > Pure, God-given dumb luck.
- >
- > Don't be stupid like me.
- >
- > Stop. Think. Go SLOW.
- > Stay Alive.
- >
- > Dave S.
- >
- >

From: W0EOM@aol.com
Message-ID: <14.50da688b.3097ceed@aol.com>
Date: Mon, 31 Oct 2005 14:47:57 EST
Subject: Re: WTB/WTT: ARRL handbooks
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1130788077"

-----1130788077
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Brian - i have the first ed of the ARRL hb, which i sent some years ago to handy to autograph.

It is dated 1926. I sold the rest some years ago. the early ones were not always yearly.

Will

-----1130788077
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----1130788077--

Date: Mon, 31 Oct 2005 15:06:42 -0500
From: chuck grandgent <chuck@chuckg.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTB/WTT: ARRL handbooks
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-Id: <20051031200641.DRQY18995.ispmxmta05-srv.alltel.net@octave-mcmsbb3d>

In the mid-60's, as a youth, I used to attend the Connecticut CW net (CN)

annual dinner at the Yankee Silversmith Inn, in Wallingford.
I remember sitting at table with "F E" (how he was known on CW).

Looking back I was very fortunate.
I went to CW classes at the Granby, CT town hall, and I remember Lew McCoy, W1ICP from those classes.

Chuck, K10M

W0EOM@aol.com wrote:

```
>
> Brian - i have the first ed of the ARRL hb, which i sent some years ago to
> handy to autograph.
>
> It is dated 1926. I sold the rest some years ago. the early ones were not
> always yearly.
>
> Will
>
* * * * *
> *      ---REMAINDER OF MESSAGE TRUNCATED---      *
> *      This post contains a forbidden message format      *
> * (such as an attached file, a v-card, HTML formatting) *
> * Mail Lists at theporch.com only accept PLAIN TEXT      *
> * If your postings display this message your mail program *
> * is not set to send PLAIN TEXT ONLY and needs adjusting *
> * * * * *
>
```

```
-----
Message-ID: <007201c5de5b$dc2f3a40$43bdf904@f6s4x9>
From: "signetics" <signetics@netzero.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Radio freq
Date: Mon, 31 Oct 2005 15:44:15 -0500
MIME-Version: 1.0
Content-Type: text/plain;
      charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

Going by memory, a person by the name of Nickolson (sorry about spelling) produced, on a microscope stage, a spark gap transmitter. It produced radio waves of such a short wave length, that they were heat waves.

This was from a physics text book that was used in a physics course I took, along time ago.

Nickelson's work is or was quoted in physics text books. I think the work was done in the 1920s.

Phil

Message-ID: <001d01c5de6b\$d639b420\$0402a8c0@anikast.ca>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: For God's Sake- Stop and Think
Date: Mon, 31 Oct 2005 17:38:30 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Its not the welding that is the worst, how about wedding rings,
metal watch bands and bracelets fused between line voltages and ground,
I seen deep burns on fingers and wrists.
Made a point of showing my servicemen some of the pictures detailling
the deep wounds that resulted after such mishaps.
Andre

> What about the Digital Equipment Corporation's VAX 11/780 that had a
warning
> label on the backplane reminding any trespassers to take off any metal
> jewellery so they don't find themselves welded to the 5V bus? That would
> have been pretty unpleasant.
>
> --
> Richard Loken VE6BSV, Systems Programmer - VMS : "Anybody can be a
father
> Athabasca University : but you have to earn
> Athabasca, Alberta Canada : the title of
'daddy'
> ** richardlo@admin.athabascau.ca ** : - Lynn Johnston

End of BOATANCHORS Digest 3855
